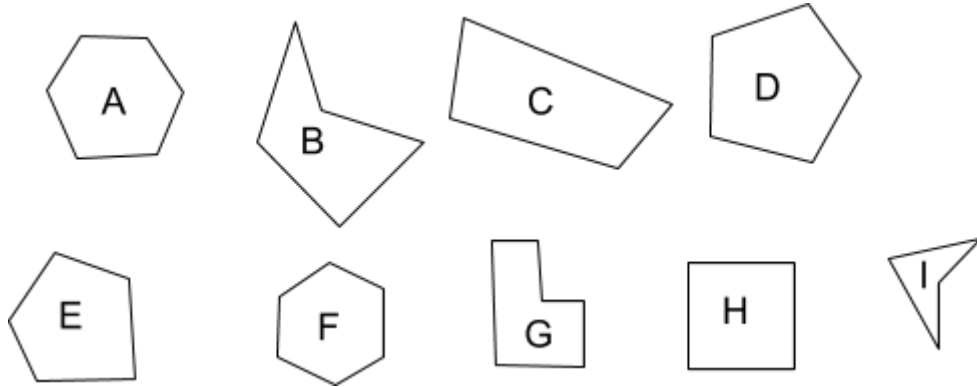


Date:

Grade 7: Math

4.1 Geometry: Classifying Figures

- Choose two figures below and compare them:



- Definitions.**

- A **polygon** is a closed figure with sides that are line segments. Exactly two sides meet at a vertex and the sides only intersect at a vertex.

- Examples:

- Non examples:

- A **regular polygon** is a polygon with all sides equal.

- Examples



- A **convex polygon** has all angles less than 180° .

- Examples

- A **concave polygon** has at least one angle greater than 180°

- Examples

- Homework:** Please complete questions #1-10 page 252-254.